

Converting Colors

Hex(24CDFF)

Have a look what the booklet for
Hex(24CDFF) contains.

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Color

Hex(24CDFF)

Conversions

Conversions Part 1

Format	Color
Hex	24CDFF
RGB	36, 205, 255
RGB Percent	14%, 80%, 100%
CMY	0.8588, 0.1961, 0.0000
CMYK	0.86, 0.20, 0.00, 0.00
HSL	194°, 100%, 57%
HSV	194°, 86%, 100%
XYZ	40.6089, 51.2577, 102.3612
YIQ	160.1690, -116.7740, -20.2780

Conversions

Conversions Part 2

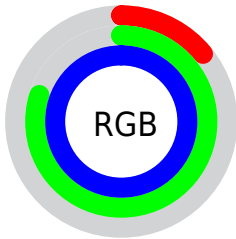
Format	Color
R _Y B	36, 131, 255
Decimal	2412031
CIE Lab	76.83, -23.56, -35.86
CIE LCh	77, 42.913, 236.694
Yxy	51.2577, 0.2091, 0.2639
Android (android.graphics.Color)	4280602111 (0xFF24CDFF)
YUV	160.1690, 46.7517, -108.8962
Hunter-Lab	71.5945, -24.0440, -34.6529

Details

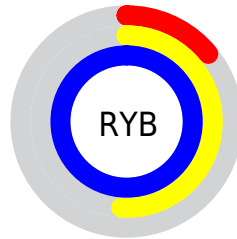
The Hex color **24CDFF** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **FF5624**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **7BFFFF**, and **0097C6** is the 20% darker color. If you saturate the color by 10%, you get **0AC7FF**, and if you desaturate by 10%, it is **3DD3FF**.

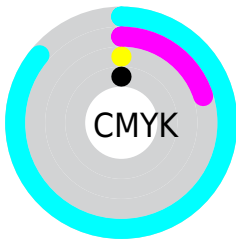
Distribution



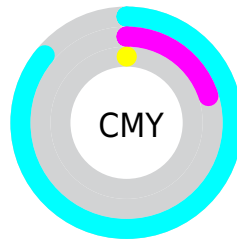
- Red (14%)
- Green (80%)
- Blue (100%)



- Red (14%)
- Yellow (51%)
- Blue (100%)



- Cyan (86%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (86%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 24CDFF changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 24CDFF by changing the saturation by 10% instead.

 24CDFF

 24CDFF

FFFFFF

 00B1E2

 7BFFFF

 0097C6

 9CFFFF

 007DAB

 BDFFFF

 006390


 DDFFFF

 004B76

 FDFFFF

 00345D

 002145

 00042F

 000119

 24CDFF

 24CDFF

 0AC7FF

 3DD3FF

 00C5FF

 57D9FF

 70DEFF

 8AE4FF

 A3EAFF

 BDF0FF

 D6F6FF

 F0FCFF

FFFFFF

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



00D2E0



24CDFE



7AC3FF

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



24CFFF



FF9FC4



B3C675

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



24CFFF



FF5624

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



DBBA6E



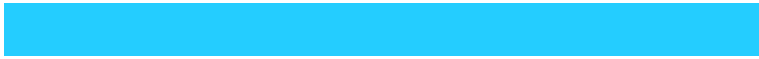
24CDFF



FFA19C

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



24CFFF



EBA7EA



FAAC7C



84CE91

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



24CDFE



A7BAFF



FAAC7C



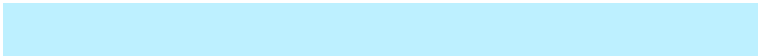
C1C270

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



24CDFE



BDF0FF



24FF53



587680



000000



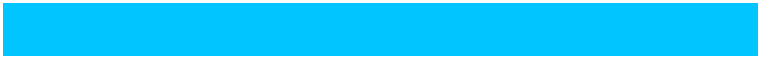
808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



24CDFE



00C5FF



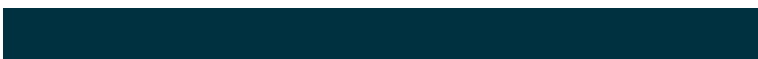
2462FF



737D80



0094BF



003140

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



FF24CD



FF00C5



FFC124



80737D



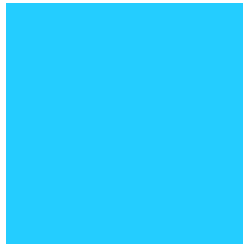
BF0094



400031

Previews

White Background



This preview shows how the Hex color 24CDFF looks on a white background.

Color Contrast Check

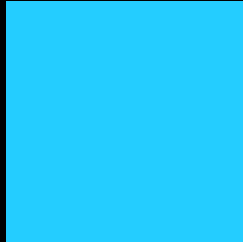
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 24CDFE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 24CDFF Background



This preview shows how black text looks on a background with the Hex color 24CDFF.

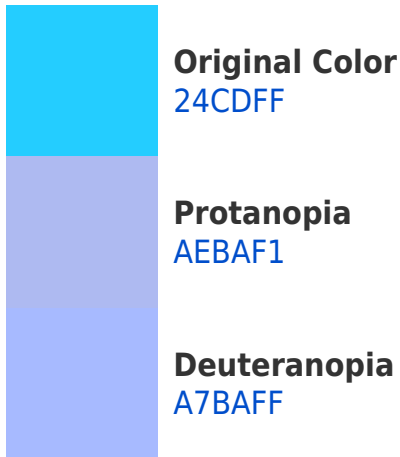


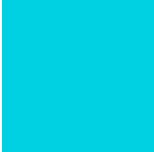
This preview shows how white text looks on a background with the Hex color 24CDFF.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

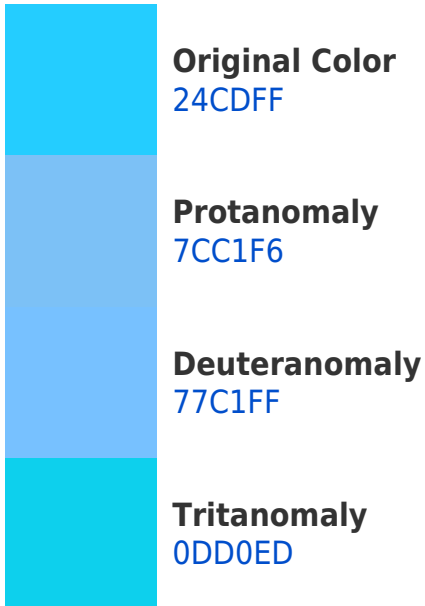
Dichromacy



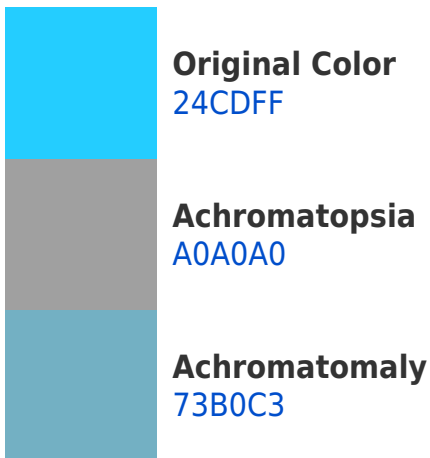


Tritanopia
00D1E2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 24CDFF is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #24CDFF looks like.

```
.text, #text, p{  
    color:#24CDFF  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #24CDFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24CDFF
}
```

Border

The CSS property to change the border of an element to Hex 24CDFF is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#24CDFF }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#24CDFF }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #24CDFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24CDFF; -webkit-box-shadow:4px 4px  
4px 4px #24CDFF; box-shadow:4px 4px 4px  
4px #24CDFF }
```

Background

The CSS property to change the background color of an element to Hex 24CDFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24CDFF }
```

If only the background color should be changed can be used:

```
.background{ background-color:#24CDFF }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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